What is claimed is:

1. A method of DC voltage—pulse voltage conversion comprising the steps of:

providing DC voltage;

generating a succession of controlling square pulses having adjustable pulse ratio;

periodically connecting an inductive load to outputs of a source of said DC voltage using said succession of said controlling square pulses;

generating pulse current flowing through said inductive load;

adjusting said pulse current; and

forming adjustable pulse voltage,

wherein a predefined value of resistance of an electronically-controlled resistor included in a circuit of said pulse current flowing through said inductive load is formed, and said adjusting said pulse current is performed by said electronically-controlled resistor,

to thereby adjust the level of pulse electromagnetic noise radiated to the environment.